



Aqua Xplore

(Groundwater Assessment & Allied Services)

243/5, New Colony Jiyamau, Hazratganj, Lucknow – 226001

Mob. 9918202546 / 9889323322, Email-aquaxploreko@gmail.com

Advisor- Dr. R. A. Yadav, ex- Manager(Groundwater), U. P. Jal Nigam

Ref 427 - BP / AX - 2023

Date 27.04.2023

Geophysical Borehole Logging Report

Name of the site : Bela, Block – Phoolpur
District : Azamgarh
Date : 27.04.2023
Depth logged : 200.0 mbgl
Depth drilled : 205.0 mbgl – as reported
Logger used : Robertson make
Presence : Representative of M/S Skylark Infra Engineering Pvt. Ltd., Azamgarh

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water;

| Sl.No. | Depth range(mbgl) | Thickness(m) | Remarks |
|--------|-------------------|--------------|----------|
| 1 | 20.0—24.0 | 4.0 | Good all |
| 2 | 39.0—46.0 | 7.0 | |
| 3 | 73.0—88.0 | 15.0 | |

Note. All zones are intermixed with kankar. No suitable zones were encountered in between 88.0 to 114.0 mbgl. Quality of the formation water is deteriorating marginal to saline below 114.0 mbgl till depth logged.

for Aqua Xplore

CC;

M/S Skylark Infra Engineering Private Limited., Azamgarh